



FIRE CREW FIREFIGHTER TRAINING

Procedures Handbook 4200

FIRE CREW ORGANIZATION

TOPIC: HANDLINE CONSTRUCTION EXERCISE

TIME FRAME: 4:00

LEVEL OF INSTRUCTION: Level II

BEHAVIORAL OBJECTIVE:

Condition: Given tools, a cutting area, and appropriate PPE

Behavior: Students will demonstrate the ability to work as a team constructing handline utilizing cutting and scraping tools

Standard: Safely and to the satisfaction of the fire captain/instructor

MATERIALS NEEDED:

- Job breakdown
- A fire ready CCV
- Cutting Tools
- Scraping Tools
- A cutting area
- A full set wildland PPE per student

REFERENCES: None

PREPARATION: During this training you will be utilizing all information you have learned in previous classes. You will be functioning as a fire crew and performing each of the duties within that crew, while constructing a variety of control lines under various conditions. Listen carefully to your Fire Captain for instructions and guidance, and watch how teamwork improves the efficiency of the overall effort.



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HANDLINE CONSTRUCTION
EXERCISE

OPERATIONS	KEY POINTS
<p>PREPARE EXERCISE</p> <ol style="list-style-type: none">1. Issue tools necessary to cut fireline2. Discuss simulated situation <p>CONSTRUCT FIRELINE</p> <ol style="list-style-type: none">3. Fire captain is to provide realistic leadership to simulate actual conditions4. Monitor each student and provide guidance as needed5. After one hour of continuous cutting, hold critique	<ol style="list-style-type: none">1a. Observe tool-up procedureb. Observe tool inspectionc. Inspect wildland safety uniforms and safety gear <ol style="list-style-type: none">2a. Fire locationb. Type and width of linec. Location of escape routes and safety zones <ol style="list-style-type: none">4a. Safetyb. Techniquec. Efficiencyd. Efforte. Teamwork <ol style="list-style-type: none">5a. Production rates of sections and how they can be improvedb. Problems encountered during exercise and solutions to those problemsc. Safety violations observed and how to mitigate



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OPERATIONS	KEY POINTS
6. Exchange hand tools	6a. If at vehicle – perform reverse hookline b. Tool-up for new tool assignment
7. Repeat critiques and tool exchanges for each hour available for line cutting	
REVIEW	
8. Handline construction	8a. Methods b. Procedures
9. Question the Fire Crew Firefighters on safety issues	9a. Ten Standard Fire Orders b. Eighteen Situations c. Lookouts d. Communications e. Escape routes f. Safety zones g. Falling and rolling material h. Tool safety i. Stress importance of good line construction techniques and teamwork j. Stress that production rates will increase with practice



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HANDLINE CONSTRUCTION
EXERCISE

APPLICATION:

The fire crew will practice handline construction utilizing all tools, under Fire Captain/instructor supervision.

EVALUATION:

Students will demonstrate the ability to work as a team with other crewmembers, utilizing all tools in constructing handline.

ASSIGNMENT:

Practice handline construction utilizing all tools, in preparation for this exercise/demonstration.